



WEEKLY SUMMARY REPORT

PROJECT NO.:	2476.0001Y002	WEEKLY REPORTING PERIOD: Monday June 27, 2016 through Sunday July 3, 2016
PROJECT:	CFAC Phase I Site Characterization	
LOCATION:	Near Columbia Falls, Montana	

SUMMARY OF WORK COMPLETED

- Drilling of soil borings
 - No soil borings were advanced.
- Drilling of monitoring wells
 - Cascade Drilling completed water table monitoring well location CFMW-027. Boring was drilled to 45' below land surface. Well installed to 45' below land surface with ten (10) feet of screen from 35-45'.
 - Cascade Drilling completed water table monitoring well location CFMW-033. Boring was drilled to 60' below land surface. Well installed to 60' below land surface with ten (10) feet of screen from 50-60'.
 - Cascade Drilling completed water table monitoring well location CFMW-038. Boring was drilled to 105' below land surface. Well installed to 105' below land surface with ten (10) feet of screen from 95-105'.
 - Cascade Drilling completed water table monitoring well location CFMW-040. Boring was drilled to 90' below land surface. Well installed to 90' below land surface with ten (10) feet of screen from 80-90'.
 - Cascade Drilling completed water table monitoring well location CFMW-011. Boring was drilled to 50' below land surface. Well installed to 50' below land surface with ten (10) feet of screen from 40-50'.
 - Cascade Drilling completed deep monitoring well location CFMW-011a. Boring was advanced to 300' below land surface. Well installed to 166' below land surface with ten (10) feet of screen from 156-166'.
 - Cascade Drilling began deep monitoring well location CFMW-028a. Boring was advanced to 300' below land surface.
- Drilling within Operational Grid Area
 - Completed drilling and collection of incremental soil samples within eight (8) operational grids.
 - Grids completed include DU-22, 23, 24, 25, 26, 27, 28, and 29.
- Soil sampling
 - Roux Associates collected approximately 35 soil samples from monitoring well and grid drilling locations. Samples sent to TestAmerica, (Edison, NJ and Canton, OH) for laboratory analysis.

SUMMARY OF WORK PLANNED FOR NEXT WEEK / ANTICIPATED SCHEDULE CHANGES

- Planned
 - No drilling planned – Cascade Drilling is off site for drilling “off-week”. Drilling to resume on July 11, 2016.
 - Sands Surveying will be onsite on July 5, 2016 to survey new monitoring wells.
 - Monitoring well development to begin on July 11, 2016.
 - Roux/CFAC working on preparing responses to SAP Addendum comments from USEPA.
- Modifications
 - No modifications to schedule.

Prepared By Mike Ritorto Of Roux Associates, Inc.



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HEALTH AND SAFETY NOTES

- Roux Associates discussed morning tailgate topics including securing loads, heat stress, and line of fire potential.
- Roux Associates and Cascade Drilling discusses temperature of sonic cores and potential contact hazards when touching hot cores.
- Roux and Cascade Drilling discussed a lessons learned about mobilizing the geoprobe while working on slopes.

OTHER NOTES

- As documented in an e-mail to EPA on 6/23/16, EPA and CDM Smith were concerned that the field sampling and processing of the ISM samples was not in conformance with the ITRC ISM guidance as referenced in the work plan. As a result the field processing of the samples was discontinued. Instead, the samples (approximately 1 kilogram bulk samples, comprised of 32 aliquots from each DU) will be shipped to Test America Laboratories where the samples will be pre-processed and prepared in accordance with their Standard Operating Procedure for ISM samples. 15 of the 43 DUs had been completed using the field processing approach that will be discontinued. Per the email dated 6/23/16, three of the 15 completed DUs will be resampled (i.e., 20 percent resampling) using the wedge sampling and laboratory processing approach. Field Modification #4 documenting these changes was submitted to USEPA and CDM Smith.

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